

10/535549

JC20 Rec'd PCT/PTO 18 MAY 2005
Docket No.: 33857-00011USPX
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Kazutomo Hasegawa

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: MULTIPLEXING QAM APPARATUS
USING DIFFERENTIAL GAIN
MULTIPLEXING, MULTIPLEXING QAM
DEMODULATION APPARATUS, AND
COMMUNICATION METHOD

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS DO/EO/US
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A summary/abstract translation of the non-English language references is enclosed.

Please note that an English abstract is not available for reference JP6507763. However, we have attached an abstract of the corresponding document US5828695.

A copy of each reference on the PTO/SB/08 is attached.

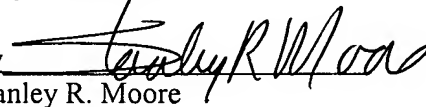
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 10-0447, under Order No. 33857-00011USPX. A duplicate copy of this paper is enclosed.

Dated: May 17, 2005

Respectfully submitted,

By 
Stanley R. Moore

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known Application Number 10/535549 Filing Date Not Yet Assigned First Named Inventor Kazutomo Hasegawa Art Unit N/A Examiner Name Not Yet Assigned Attorney Docket Number 33857-00011USPX	
Sheet	1	of	1		

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-4,464,797	08-07-1984	Bremer

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
	B1	JP-02-092153	03-30-1990	Canon Inc.	√
	B2	JP-02-210955	08-22-1990	Canon Inc.	√
	B3	JP-03-174851	07-30-1991	Matsushita Electric Ind. Co. Ltd	√
	B4	JP-08-079325	03-22-1996	Hitachi Ltd	√
	B5	JP-04-357727	12-10-1992	Victor Co of Japan Ltd	√
	B6	JP-06-090263	03-29-1994	Loral Aerospace Corp	√
	B7	JP-2002-247123	08-30-2002	Hitachi Kokusai Electric Inc	√
	B8	JP-06-507763	09-01-1994	British Telecommunications PLC	√

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	Hideki Ishio et al., "A Proposal of a Carrier Digital Transmission System Using Multi-Level APSK", January 29, 1975, pages 57-64	
	C2	Kazuhiro Miyauchi et al., "New Technique for Generating and Detecting Multilevel Signal Formats", IEEE Transactions on Communications, Vol. 24, Issue 2, February 1976, Pages 263-267	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered	
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